

Selected ROL Sequences

CLASS I

Clone #	Flanking sequence	Random sequence	Flanking sequence	Affinity
15	TGAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
18	TGAGATCTGGAACCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
32	TGAGATCTGGATTCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
36	TGAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
82	TGAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
89	TGAGATCTGGATC GTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
22	TGAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
33	GAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
71	GAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGTAAAGATTACC	GTCCTACGAATTCAGCTG	++++
73	TGAGATCTGGATCCGTTTC	GGGGAAGCGAAGGTGAAAGCAAGGAATTACC	GTCCTACGAATTCAGCTG	++++

CLASS II

21	TGAGATCTGGATCCGTTTC	GACAAACCGGTAA AA AAAGCGGTAGATTACC	GTCCTACGAATTCAGCTG	++++
14	TGAGATCTGGATCCGTTTC	GACAAACCGGTAA AA AAAGCGGTAGATTACC	GTCCTACGAATTCAGCTG	++++
19	TGAGATCTGGATCCGTTTC	GACAAACCGGTAA AA AAAGGTAACTGAC	GTCCTACGAATTCAGCTG	+++
29	TGAGATCTGGATCCGTTTC	ATTGTACAGCCGTAA AA ATCGGGAGTCT	GTCCTACGAATTCAGCTG	+++
5	TGAGATCTGGATCCGTTTC	GAGCAGTAAAGTAAAGAAAGCCCGTTTC	GTCCTACGAATTCAGCTG	++
60	TGAGATCTGGATCCGTTTC	ATCGCGTAAATAAAGTCCATCGGAACGTGT	GTCCTACGAATTCAGCTG	+
2	TGAGATCTGGATCCGTTTC	<u>GGTAA</u> AAATGAGCAGGGGATCGAAAT	GTCCTACGAATTCAGCTG	+
39	TGAGATCTGGATCCGTTTC	AAACAGTAAATGGGGACGGTAGAACTA	GTCCTACGAATTCAGCTG	+
61	TGAGATCTGGATCCGTTTC	AGATAGAAAGAGACCGTTAA AA AACTA	GTCCTACGAATTCAGCTG	+

FIGURE 1

Transient Assays with 3-day Maize Roots (an average of three experiments)

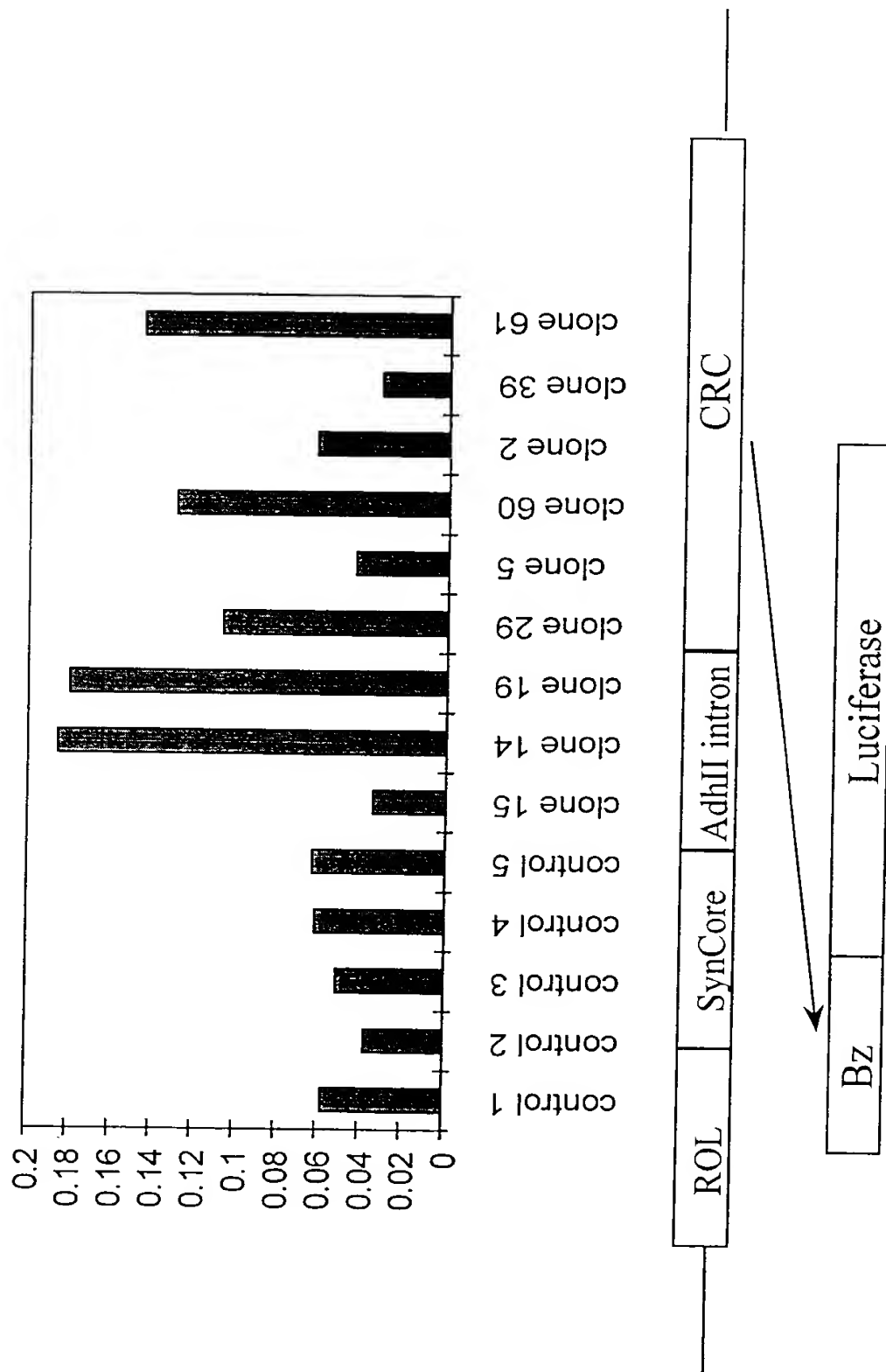


FIGURE 2

Transient Assays with 3-day Maize Shoots

(data from three experiments)

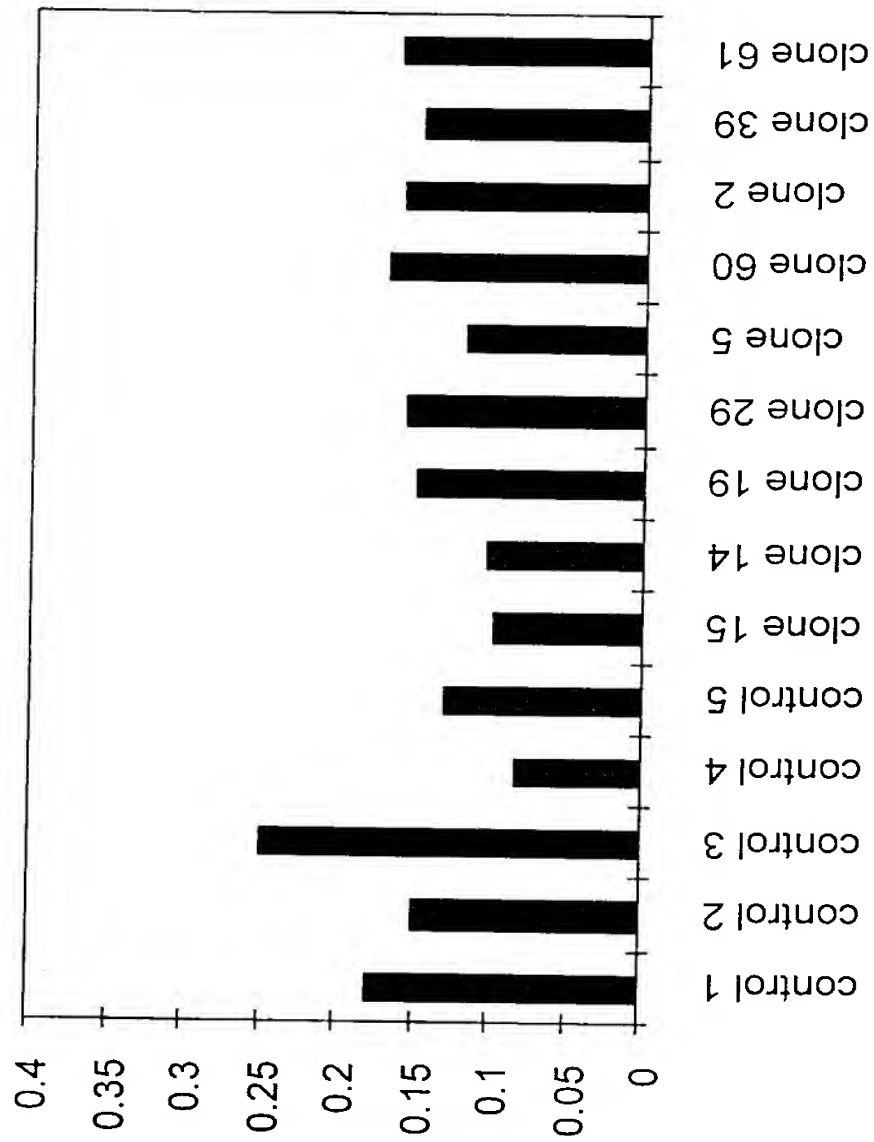


FIGURE 3